

**Notice of Allowability**

Application No.

09/989,375

Applicant(s)

YAMAGUCHI, AKIRA

Examiner

Prabodh M Dharja

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12-15-2004.
2. ☒ The allowed claim(s) is/are 2-8, 10-22 and renumbered as 2-8, 13-18, 9, 19, 10, 11, 20, 1 and 12.
3. ☒ The drawings filed on 21 November 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 02-27-02
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

Art Unit: 2673

1. **Status:** Receipt is acknowledged of papers submitted 12-15-2004, under reconsideration, which, have been placed of record in the file. Claims 2-8, 10-22 are pending in this office action, Claims 1, 9 have been cancelled.

2. Claims 2-8, 10-22 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Applicant has cancelled independent Claims 1, 9 and rewritten, the dependent Claim 2-8 and 10-20, as being dependent on the allowed independent Claims 21 and 22 of Finality of office action mailed on July 19, 2004, which makes application number 09989375 in condition for allowance.

an image display method of displaying an image on a monochrome display having sub-pixel structure in a main pixel each sub-pixel of which is capable of expressing multiple steps of gradation, comprising the steps of: forming from input monochrome image data for displaying said image on said monochrome display first image data for transfer, expressed by data of a predetermined number of steps of gradation and assigned to one sub-pixel in said main pixel of said monochrome display and second respective image data for transfer, expressed by data of a number of steps of gradation being different from said predetermined number of steps of gradation and assigned to the other sub-pixels in said main pixel; transferring all of said first image data for said one sub-pixel and said second respective image data for the other sub-pixels from a digital video card to a digital interface of said monochrome display; producing respective digital monochrome image

Art Unit: 2673

**data for display, expressed by-data of an identical number of steps of gradation and assigned to each sub-pixel in said main pixel of said monochrome display using said first image data for said one sub-pixel and said second respective image data for the other sub-pixels transferred from said digital video card; displaying said image on said monochrome display using the thus produced respective digital monochrome image data assigned to each sub-pixel in said main pixel.**

The cited references on 892's fails to anticipate individually as well as render obviousness individually or in combination above bold underlined recited claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 703-605-1231. The examiner can normally be reached on M-F 8AM to 5PM.
5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 703-3054938. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2673

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

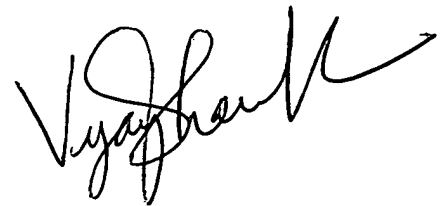
Commissioner of Patents and Trademarks

Washington, D.C. 20231

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01-03-2005

A handwritten signature in black ink, appearing to read 'Vijay Shankar', with a stylized flourish at the end.

**VIJAY SHANKAR  
PRIMARY EXAMINER**